

FRONT TANK **SOLITAIR 23+**
WITH COULTER BAR **OPTIDISC 25**



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OUR DRIVING FORCE:
YOUR SUCCESS!



A FLEXIBLE SOLUTION.

The option to combine the **Solitair 23+** front tank with an **Azurit** precision seed drill or **OptiDisc 25** coulters bar ensures the tank can be utilised optimally throughout the year.

The balanced weight distribution of the front and rear combination not only ensures a safe driving experience, but also allows less powerful tractors to be used for seeding.

The OptiDisc 25 coulters bar with parallelogram-controlled double disc coulters and depth control roller places seeds precisely at the pre-set depth when using both mulch seeding and conventional cultivation methods.

SOLITAIR 23+ | OptiDisc 25

SOLITAIR 23+ WITH OPTIDISC 25



The low design always ensures a good view to the front.



It all comes down the delivery rate

Depending on your desired application rate, you can choose between an injector tank or a pressurised tank. Both tanks are available with a tank volume of 1,900 litres.

The injector tank features a convenient tarpaulin cover. This variant easily allows for application rates of up to 250 kg/ha.

Alternatively, the Solitair 23+ is optionally available as a pressurised tank. This variant features a pressure-resistant lid and sealed metering system, which supports application rates of up to 750 kg/ha.



Highly precise metering

The Solitair 23+ combines the proven metering technology of the Solitair 8 and 9 series with the innovative MegaDrill ISOBUS front tank control.

This unbeatable combination of innovative proven components, along with a choice of different metering wheel variants enables precise metering for all seed types, right down to fine seeds.



Everything in view

The integrated ISOBUS technology and standard MegaDrill front tank controls enable each function to be monitored and controlled at a glance.

- Intuitive and simple operation
- Electrical width section control of up to four width sections to avoid overlaps
- Flexible use of CCI 800, CCI 1200 or an existing ISOBUS terminal



SAFETY ON THE GO



Comfort on the road

Optimal weight distribution not only ensures safety, but also a comfortable driving experience. This can be achieved by fitting the front tank with an additional weight of up to 350 kg.



Safe road transport: Not a question of size

To ensure safe road travel, all drill combinations with a 4.5 m working width or above are supplied with an additional carriage.

The carriage can be locked and unlocked manually from the left side of the machine in just a few steps. Up to 3.5 t of the weight of the drill combination can be transferred to the additional carriage.

This ensures that neither the permissible rear axle load nor the permissible total weight of the tractor are exceeded. The carriage support wheels follow the track reliably even when cornering. This means that nothing stands in the way of safe transport.

Straightforward coupling

The simple coupling procedures of the Solitair 23+ front tank ensure maximum flexibility. Standardised cat. 3 N (or cat. 2) lower link coupling points allow the tank to be quickly connected to the tractor's front hydraulics. The hydraulic fan drive is then easily connected. The hose for conveying seeds or fertiliser can be routed either underneath or alongside the tractor.



For maximum yields

Optimum soil contact is one of the basic prerequisites for high crop yields. To meet this requirement, the Solitair 23+ can be equipped with a tyre packer. With a 75-cm diameter, the packer ensures a high degree of reconsolidation between the tractor wheels.

Having tyres with a large diameter that are also arranged at an offset prevents clogging, even when working on light soils.



Effortless filling and monitoring

The folding grille with access ladder, which can be optionally added to the extensive standard equipment, ensures a safe working environment when filling the front tank.

Whether you're using a bucket mounted on a front loader, wheel loader or telescopic loader, or filling directly from a big bag, filling the Solitair 23+ front tank is easy thanks to the 170 x 80 cm opening at a filling height of 150 cm and above.



INNOVATIVE TECHNOLOGY

A sophisticated coultter system

The OptiDisc 25 coultter bar has impressive parallelogram-controlled double disc coultters and trailing depth control rollers. The depth control roller presses in the seeds to enable quick and even germination.

The coultter pressure and seed depth can be adjusted independently from one another. This ensures that seeds are always placed at exactly the same depth, even at high speeds of travel and in variable soil conditions.

The coultter system is available in two versions: hydraulic (up to 70 kg coultter pressure) or mechanical (up to 45 kg coultter pressure).

Distributor with tramline mechanism

Four distributor heads placed directly above the coultter bar ensure excellent transverse distribution.

An integrated hydraulic tramline mechanism is optionally available for the OptiDisc 25 coultter bar. The symmetrical distribution in tramline mode ensures that no seeds need to be returned. The distributor cartridges are easy to change, which enables them to be quickly adapted to a wide variety of tramline systems. This increases flexibility – especially when working across farms.





Distributor in sowing mode

Distributor with switched tramline

TECHNICAL DATA SOLITAIR 23+

| | Weight | Tank nominal volume approx. litre | Weight incl. additional weights | Weight incl. tyre packer and additional weights |
|--------------------------------|--|-----------------------------------|---------------------------------|--|
| Solitair 23+ | 740 kg | 1.900 l | 1.090 kg | 1.440 kg |
| Dimensions from drawbar | Length: 1200 mm Transport width: 2450 mm Transport height: 2000 mm | | | Length: 1800 mm Transport width: 2450 mm Transport height: 2000 mm |

TECHNICAL DATA OPTIDISC 25

| | Working width [approx. cm] | Number of rows at row spacing | | Weight [approx. kg] | |
|--------------------------|----------------------------|-------------------------------|-------|---------------------|------|
| | | 12.5 cm | 15 cm | | |
| OptiDisc 25/300 | 300 | 24 | 20 | 689 | 621 |
| OptiDisc 25/400 | 400 | 32 | 27 | 713 | 645 |
| OptiDisc 25/400 K | 400 | 32 | 27 | 997 | 929 |
| OptiDisc 25/450 K | 450 | 36 | 30 | 1071 | 1003 |
| OptiDisc 25/500 K | 500 | 40 | 34 | 1145 | 1077 |
| OptiDisc 25/600 K | 600 | 48 | 40 | 1293 | 1225 |

WE'RE HERE FOR YOU.

Providing a professional all-round service

On-demand assistance. All around the world. That's LEMKEN service. The LEMKEN team provides professional advice as well as a speedy supply of machinery and parts via: 19 convenient branches and external warehouses in Germany, our own sales companies and importers in over 50 countries, and of course a great many highly qualified sales advisers and service technicians at specialist agricultural machinery dealers.



Supplying high-quality original wear parts

Our original LEMKEN wear parts ensure that your LEMKEN machine stays what it is: the genuine product. Whichever machine you need a spare part for, we ensure that the original parts are always available for all LEMKEN machines. Not only in the short term, but for years to come.

Delivering spare parts speedily

The right parts at the right time in the right place — this is how a reliable replacement parts service should operate. Our professional logistics handling service ensures we can supply a wide range of replacement parts at speed, whenever and wherever they are needed.



“Your eyes glance over the level seedbed. A new crop. Row after row. The end goal in sight. Foundations for a rich harvest. Success sown in record time.”

When it comes to sowing, and therefore your harvest, pull out all the stops. LEMKEN drilling technology enables you to use both conventional and conservative tillage methods and rest assured that our seed drills will always meet your requirements. Why? Because: Our driving force: Your success!



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